JUNE

at the

CALIFORNIA ACADEMY OF SCIENCES

JUNE MEETINGS
(for Members and Their Guests)

DATES & TIMES: Matinee, 2:30 p.m., Wednesday, June 14.
Evenings, 8:00 p.m., Wednesday and and Thursday, June 14 and 15.

PLACE: May Treat Morrison Auditorium

SPEAKER: Samuel P. Welles

SUBJECT: "DINOSAURS"

There are two words which can cause a flurry of excitement when uttered almost anywhere in the world. They are "dolphin" and "dinosaur" and we are fortunate to have Dr. Welles at our lectern sharing his knowledgeability of the latter. Dr. Welles has the title of Lecturer and Principal Museum Paleontologist at the University of California at Berkeley, an institution with which he has been associated for 41 years. His field work and research have been on Triassic amphibians and Mesozoic marine reptiles and he is now deeply involved with dinosaurs.

Dinosaurs are extremely interesting extinct reptiles ranging in size from a chicken to the largest of terrestrial animals. They are important in our understanding of adaptation, distribution, migration and evolution. Dr. Welles will deal initially with the CAS's two fine exhibits of carniverous dinosaurs, *Allosarus fragilis* March on display in Cowell Hall, and *Dilophosaurus wetherilli* Welles, in Fossil Hall, and then will branch out from there. His presentation will be illustrated with color slides.

Dr. Welles is a Fellow and Research Associate of the Academy and a member of many other distinguished scientific organizations. He was a Fulbright Scholar to New Zealand, 1969-1970, An article authored by him will appear shortly in PACIFIC DISCOVERY.

Three meetings as indicated and your membership card is your admission. For the matinee performance present it to the door attendant at the entrance of Cowell Hall only. You will be asked to show it once again at the auditorium entrance. For the evening meetings, ingress is at both the main entrance, Cowell Hall and the rear Planetarium entrance off Middle Drive.

MORRISON PLANETARIUM

"MAN AND THE MOON" continues in the Theatre of the Stars through June 18 — a new and different look at the "orb of night." Beginning June 22:

"THE REALM OF THE NEBULAE," a sky show which takes you far beyond the reaches of our solar system out to the very edges of known space. This show will continue through September 10.

Show times during the summer are: daily at 12:30, 2:00, 3:30 and 8:00 p.m. with extra matinees scheduled on Saturdays and Sundays.

Admission: Anyone 18 and over, $1.00. Anyone 17 and under, 50c.

MORRISON AUDITORIUM

"BAJA CALIFORNIA," an Academy-produced documentary film in color, one hour long, and presented daily at 12:00, 1:30 and 3:00 p.m. Admission is the same as that for the planetarium shows. Showings begin June 22.

SPECIAL EXHIBITS

"BAJA CALIFORNIA," a display arranged specially in conjunction with the above listed motion picture — items, specimens, artifacts and photographs. Located in Hohfeld Gallery adjacent to the Hall of Space Science. Continues indefinitely.

"NATURE ABSTRACTIONS," a collection of fifty arresting black-and-white photographic enlargements by Academy Staff Photographer Lloyd Ullberg. Located in the Lower Gallery, Cowell Hall and continues indefinitely.

NEW PERMANENT EXHIBIT

"OPALS," a fine assortment of stunning gemstones from the Academy collections in a dazzling array of colors. Hall of Minerals.

BEGINNING THURSDAY, JUNE 22, all public areas of the Academy will be open daily from ten in the morning until nine in the evening. This policy will hold through Labor Day, September 4. You and your family will enjoy an evening in the park.

NEWS and NOTES . . . . . .

THIS SUMMER, the Junior Academy will be presenting its most ambitious program of classes for young people ages nine to sixteen. Registration for these twenty courses will be held from 10-4 on Satutrday, June 24. The classes themselves begin the following Monday, June 26.

Here is a list of what will be offered: Aquatic Organisms, Botany, Conservation of Natural Resources, Fossil Study, Geological Hazards, Herpetology, Ichthyology, Marine Biology, Oceanography, Ornithology, Nature Study, Taxidermy, Entomology, Freshwater Life, Natural History of the Bay Area, An Introduction to the Physical Sciences, Ecological Physiology, Arachnology and Astronomy. The last named course is open for parent registration also and will be held on Saturdays so that they can attend. In addition to the foregoing, a field course in Vulcanology will be offered that will involve a trip to Lassen Volcanic National Park.

Registration fee is two dollars for most courses with a few slightly higher. Vulcanology is the most costly. For a copy of the summer program with information as to times, dates and duration (plus costs) please telephone 221-5100 — or write the CAS.

RECENT SCIENTIFIC PUBLICATIONS OF THE CALIFORNIA ACADEMY OF SCIENCES

PROCEEDINGS

"Pliocene Fossils from Baltra (South Seymour) Island, Galapagos Islands." Leo G. Hertlein. Volume XXXIX, No. 3. April 6, 1972. ..... 75c

"A New Species of the Scorpionfish Genus **Helicolenus** from the North Pacific Ocean." Tokiharu Abe and William N. Eschmeyer. Vol. XXXIX, No. 4. April 6, 1972. ..... 25c

"Two New Scorpionfishes (Genus **Scorpaenodes**) from the Indo-West Pacific, with Comments on **Scorpaenodes muciparus** (Alcock)." William N. Eschmeyer and K. V. Rama Rao. Vol. XXXIX, No. 5. April 6, 1972 ..... 35c

ACADEMY TRAVEL NOTES (1) Limited spaces are available on the scheduled Academy Charter Flight from San Francisco to Rome on September 9 with return October 5 from Rome and pick-ups at both Frankfurt and London. The price, round trip, is $289.00. (See Academy NEWSLETTER, February 1972.)

The African safari scheduled in conjunction with the above is currently filled but with only a small waiting list. Many things can happen between now and September so interested persons are encouraged to place their names on the list. Contact Bryan International Travel, Inc., 57 Post Street, San Francisco, CA 94104 (Phone: 986-0967).

(2) Locally, the Academy's Members' Tour to the eastern Sierra to see the bristlecone pine country scheduled for July 1 - 4 also has some spaces available (See Academy NEWSLETTER March 1972). Price of $85.00 per person includes transportation, hotel and box lunches. Contact Gulliver's Travel, 3597 Sacramento Street, San Francisco 94118 (Phone: 346-4400).

ONCE AGAIN, a series of prints by botanical artist Henry Evans is available for purchase at one of the sales desks in Cowell Hall. These beautiful linoleum block prints of spring and summer flowers are Mr. Evans' most recent work. Members are reminded they are eligible for a discount on all such purchases. And this personal note for those who travel: a Henry Evans print is the perfect gift to take to friends abroad — almost weightless, easy to pack, and a joy to both the giver and the receiver!

LITERALLY, A GROUP of young salmon became flying fish after having been taken by hook and line off the Golden Gate and transported by helicopter to Steinhart Aquarium during the latter part of April. The operation was the idea of Captain Ron Polse, a sport fishing boat skipper who commands the vessel *Chinook* who gained the cooperation of the Coast Guard in transporting the fish (*Oncorhynchus tshawtscha*) after he and other boat skippers had caught them in the wee small hours of the morning.

The salmon can be seen in Tank #11 in Steinhart.

ON YOUR next visit to the Academy, make a point of wending your way toward North American Mammal Hall and pause before entering. Take a really good look at the small Hall of Honor that serves as an entryway, an area that is more often than not given short shrift and which deserves better.

There you will find, in bronze, a list of the Benefactors of the Academy (1876-1970), thirty-nine major contributors who have made possible so much of the impressive growth rate over those years. Similarly, you will find a roster of fifty-two Friends of the Academy who annually pledge a gift of not less than one thousand dollars for the support of research and education. Even though for two years we have been charging a modest admission fee it has far from relieved us of financial concern. Thus this month of June seems a good time to once again say thank you to those individuals and corporations whose generosity assists so very much in keeping our programs of research and education in gear.

NEW MEMBERS OF THE ACADEMY

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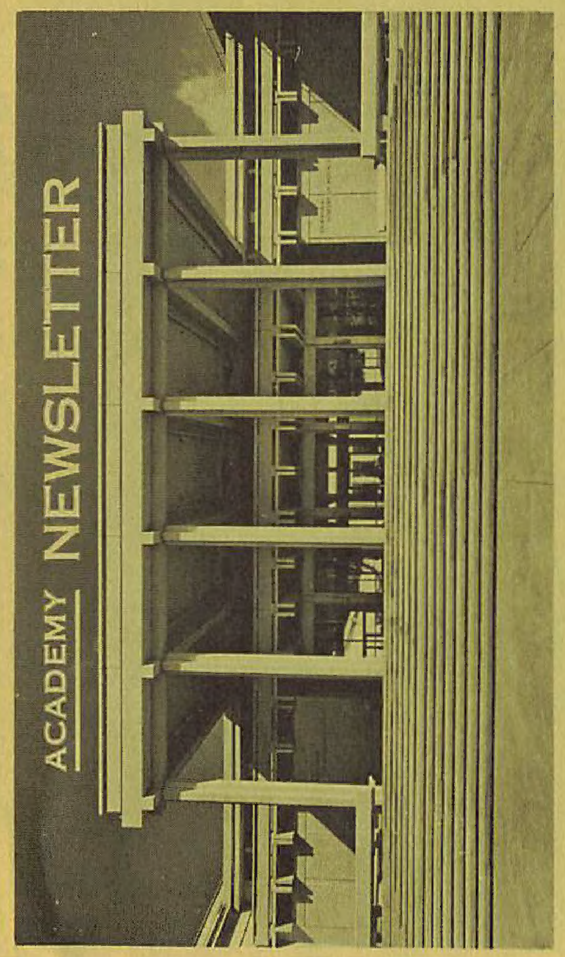

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